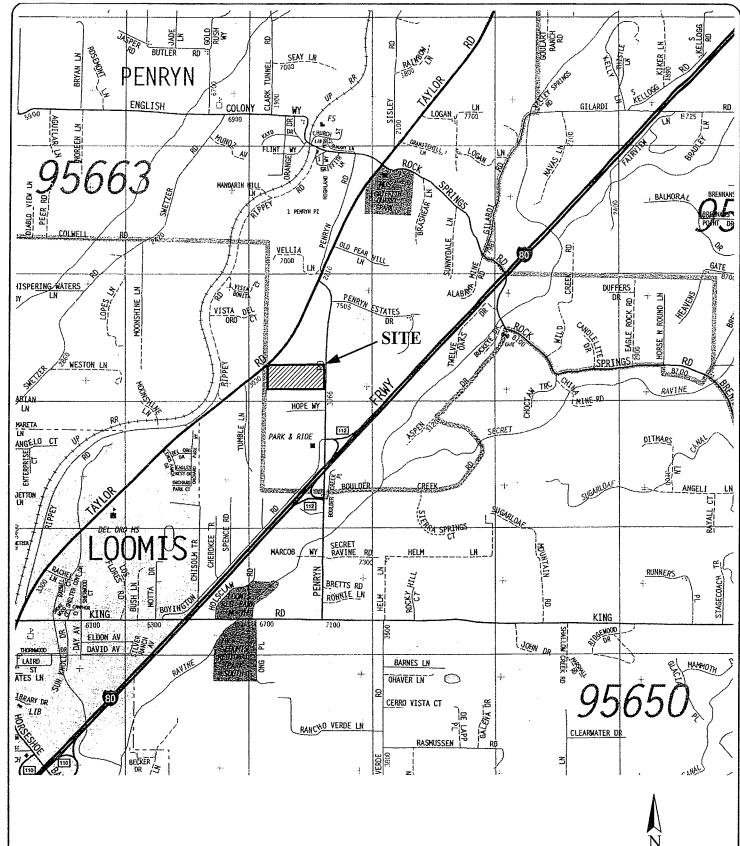
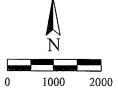
#### **FIGURES**





Adapted from the Thomas Guide Sacramento and Solano Counties Street Guide and Directory, 2005 edition.



SCALE IN FEET



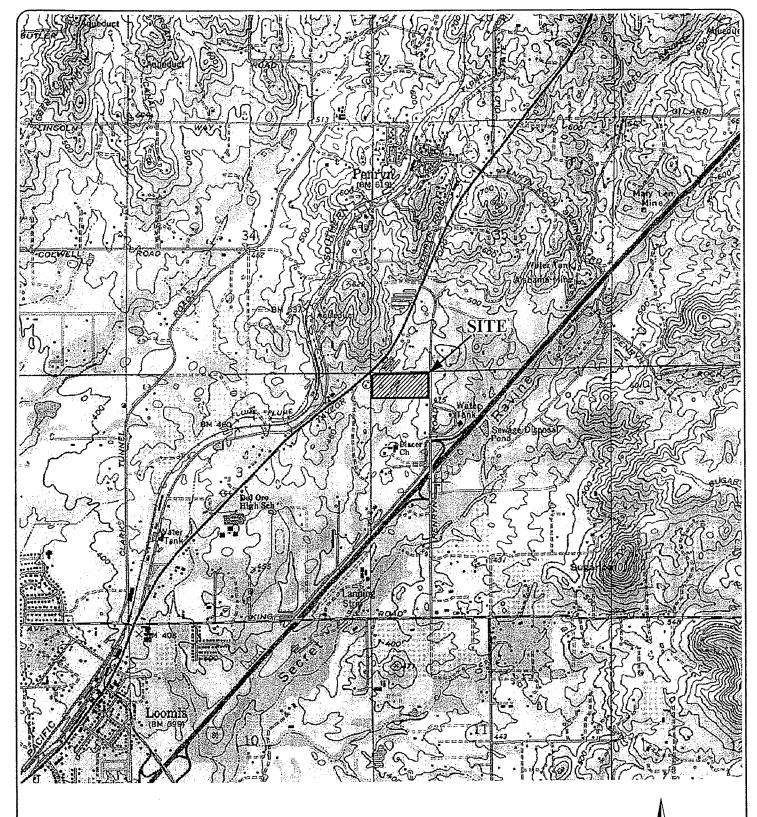
#### VICINITY MAP

PENRYN PROPERTY

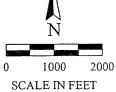
Penryn, California

FIGURE	1
DRAWN BY	TJC
CHECKED BY	WMF
PROJECT MGR	WMF
DATE	5/07
	20-26

WKA NO. 5887.06



Adapted from the U.S. Geological Survey 7.5 minute topographic map of the Rocklin quadrangle, California, 1981.



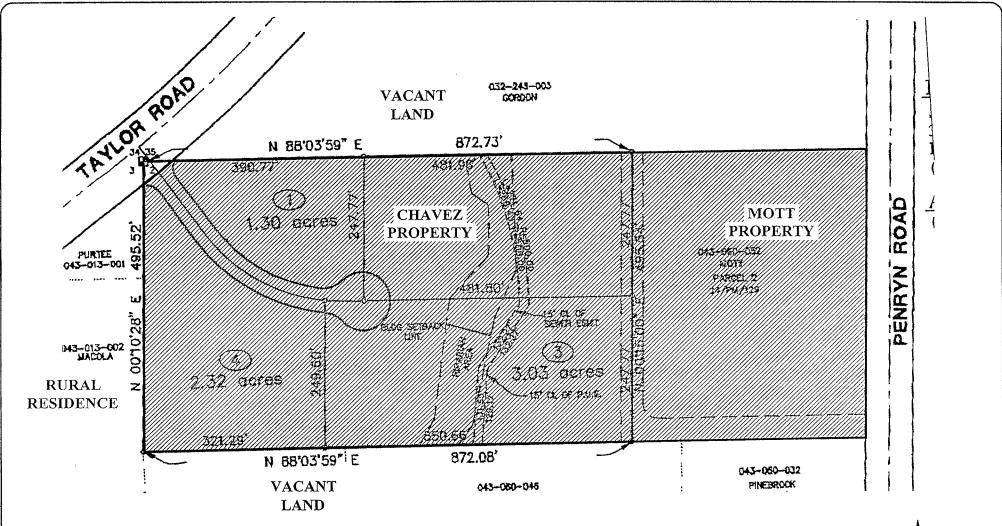


TOPOGRAPHIC MAP

PENRYN PROPERTY

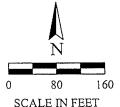
Penryn, California

FIGURE	2
DRAWN BY	TJC
CHECKED BY	WMF
PROJECT MGR	WMF
DATE	5/07
WKA NO. 5	887.06



#### Note:

Adapted from a Tentative Parcel Map prepared by Spannagel and Associates, dated June 2003.

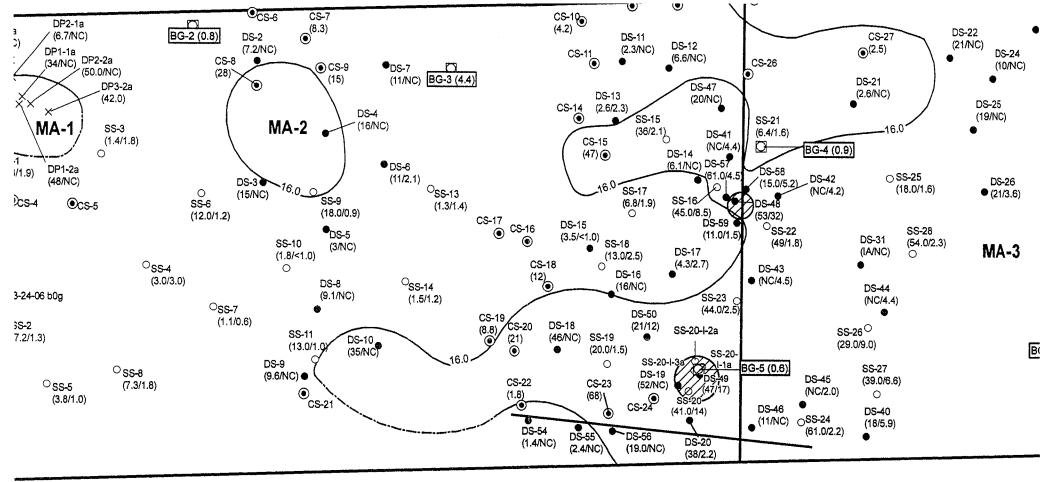




#### PARCEL MAP/SITE PLAN

PENRYN PROPERTY
Penryn, California

FIGUR	E	3
DRAWN BY		TJC
CHECKED BY		WMF
PROJECT MGR		WMF
DATE		5/07
WKA NO.	58	87.06

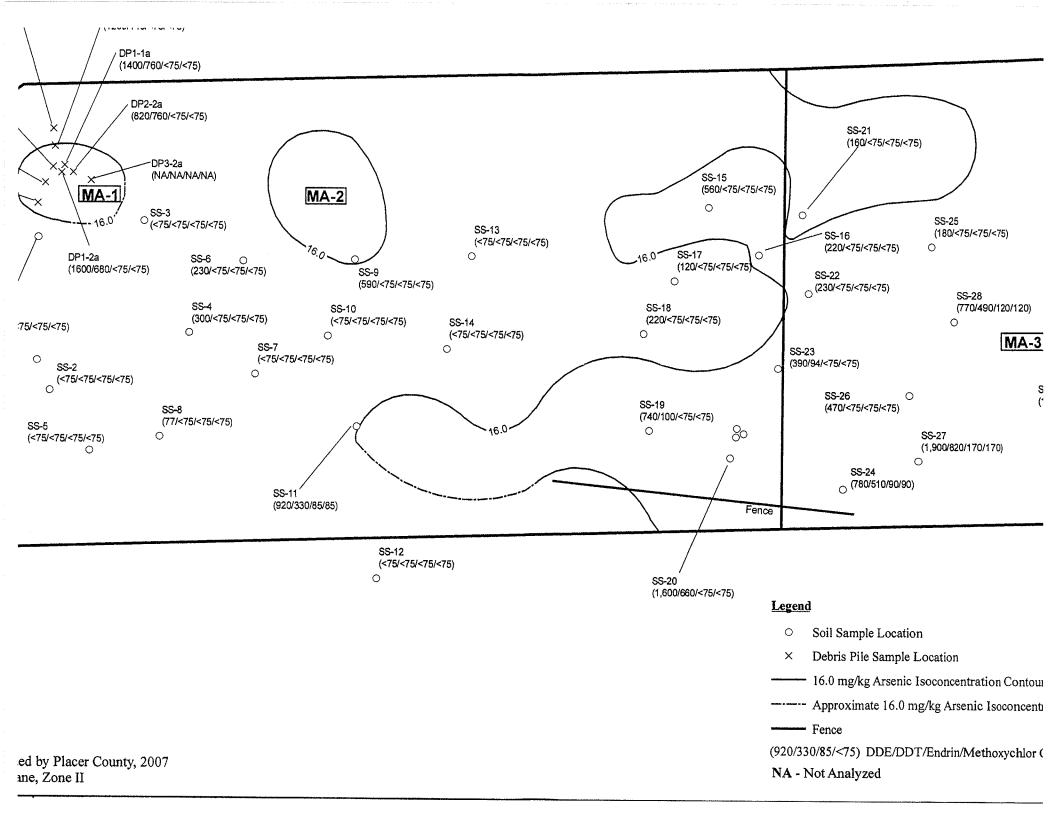


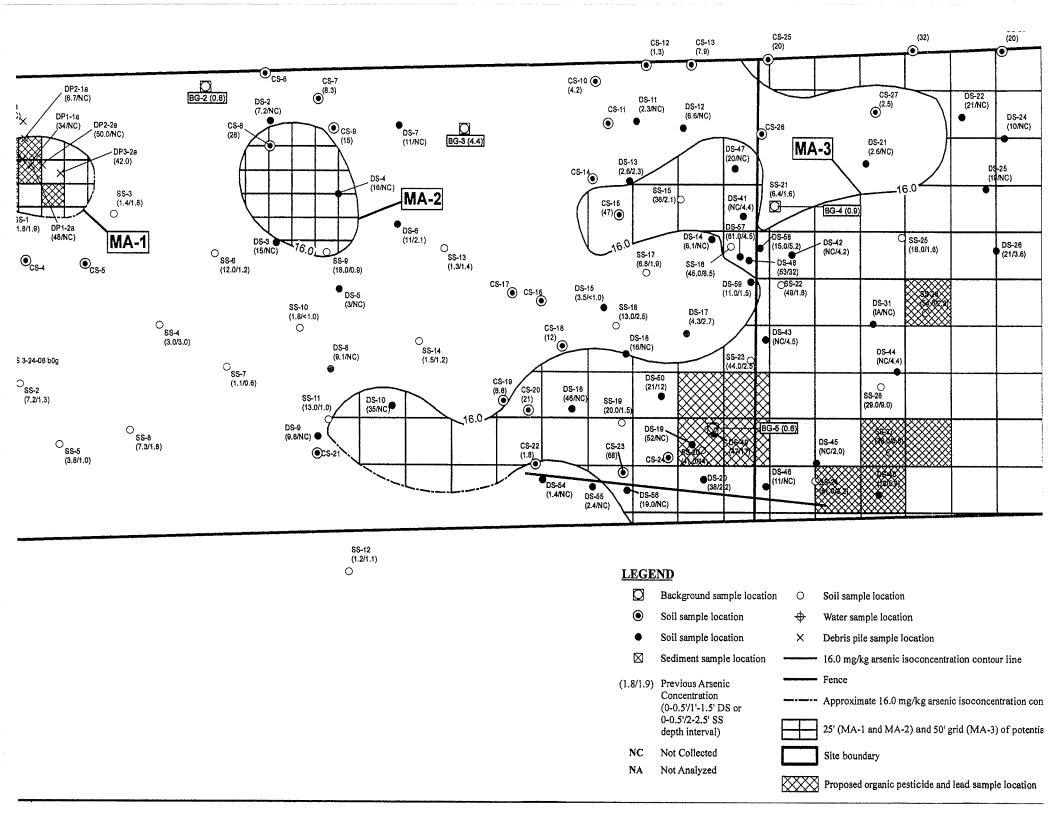
SS-12 (1.2/1.1)

#### LEGEND

Background Sample Location 0 Soil Sample Location Soil Sample Location Water Sample Location Soil Sample Location Debris Pile Sample Location Sediment Sample Location 16.0 mg/kg Arsenic Isoconcentration C (1.8/1.9)Previous Arsenic Fence Concentration (0-0.5'/1'-1.5' DS or -- Approximate 16.0 mg/kg Arsenic Isocc 0-0.51/2-2.51 SS depth interval) Not Collected Area recommended for deeper excavat Not Analyzed to approximately 1.5 to 2 ft bgs

led by Placer County, 2007 ane Zone II





## APPENDIX A DTSC PROJECT APPROVAL LETTER







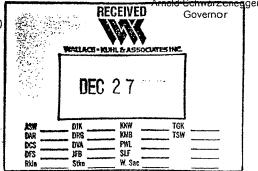
Linda S. Adams Secretary for Environmental Protection

#### Department of Toxic Substances Control



Maureen F. Gorsen, Director . 8800 Cal Center Drive

Sacramento, California 95826-3200



SUPPLEMENTAL SITE INVESTIGATION CONDITIONAL APPROVAL LETTER, PENRYN DEVELOPMENT, PENRYN, CALIFORNIA

Dear Mr. Mahoney:

December 26, 2007

Mr. Mike Mahoney

Penryn Development, LLC

3990 Ruffin Road, Suite 100

San Diego, California 92123

The California Department of Toxic Substances Control (DTSC) received a draft Supplemental Site Investigation II Report (Report) in October, 2007. The Report was submitted by your consultant, Wallace Kuhl and Associates, Inc. for the 15 acre Penryn Development site located approximately one and one-half miles northeast of the central business district of the incorporated town of Loomis, California. The site previously supported an orchard until the 1970s. The site has remained fallow since the 1970s. The Report documents the sampling activities to characterize the extent of contamination in the soil and surface water. The report included a screening level human health risk assessment and an ecological screening risk assessment. An ecological screening risk assessment was conducted because a wetland is on the property, and the wetlands support a variety of species. The human health risk assessment documented that the contamination on site presents a risk to future residents. The report states that remediation is needed prior to development to protect human exposure. The ecological screening risk assessment documented that the contamination on-site could pose a risk to the white-tailed kite and Cooper hawk. However, the wetlands will be developed for residential land use in the near future. Placer County is drafting an Environmental Assessment Report (EIR) which will evaluate the environmental impacts of the development on the wetlands. Remediation along the wetlands will be coordinated with Placer County's final EIR. DTSC does have a comment on the Report which is discussed below. Once the comment has been addressed, then the Report is approved.

This report and previous site investigation reports found elevated arsenic, DDT, DDD and DDE contamination above background levels or the California Human Health Screening Levels (CHHSLs). CHHSLs are screening levels which are protective for human health exposure. Arsenic, DDT, and DDE concentrations found on the property ranged between 1 to 54 milligrams per kilogram of soil (mg/kg), 1 to 2.7 mg/kg, and 1 to 2.5 mg/kg, respectively. A few background soil samples were collected and analyzed for arsenic, which ranged between 1 to 4 mg/kg. The CHHSLs for DDT, DDD, and DDE are 1.6 mg/kg, 2.3 mg/kg, and 1.6 mg/kg, respectively. Since the contamination on-site exceeded background and/or the CHHSLs, remediation is needed to achieve cleanup for unrestricted land use. As stated in the report and discussed during a phone call with your consultant in November, 2007, the report proposes an

Page 2

arsenic remediation level of 8.0 mg/kg using the 95% upper confidence level of the mean of the soil confirmation sampling data. An arsenic remediation cleanup level of 8.0 mg/kg is above the background level found onsite and is not consistent with DTSC policy regarding arsenic cleanup. Please provide the justification for cleanup of arsenic concentrations above background. Due to the cumulative effects for risk, the DDT, DDD, and DDE remediation levels should be below the CHHSLs. The DDT, DDD, and DDE remediation levels should be based on the total threshold limit concentration (TTLC), which is 1.0 mg/kg when added together. Please address this comment in the draft Removal Action Work Plan, which will propose a remediation plan

If you have any questions, please contact Mr. Duane White at (916) 255-3585. DTSC looks forward to reviewing the draft Removal Action Work Plan.

Sincerely,

Fernando Amador, P.E., Chief Sacramento Responsible Party Unit

CC:

Mr. Bill Flores

Wallace Kuhl & Associates, Inc 500 Menlo Drive, Suite 100 Rocklin, California 95765

#### Comments/Response Table for the

Draft Removal Action Workplan

#### PENRYN PROPERTY

Penryn, California WKA No. 5887.06

April 2, 2008

#### Comments by:

Duane White, DTSC Project Manager Department of Toxic Substances Control

#### Response to comments by:

Bill Flores
Senior Environmental Geologist
Wallace-Kuhl & Associates

#### General Comments on the RAW

#### DTSC Comment #1:

The draft RAW proposes two remediation levels for arsenic – a soil screening level of 16 milligrams of arsenic per kilogram of soil (mg/kg) and an overall post-mitigation site soil arsenic concentration of 8 mg/kg. The term "soil screening level" in the draft RAW should be changed to "ceiling level". The draft RAW should state that DTSC will review all confirmation sample results prior to excavation activities being completed to ensure no additional soil needs to be transported to a permitted facility.

In the December 26, 2007 DTSC letter, DTSC wanted the draft RAW to provide the justification to selecting an arsenic remediation level above background levels. The RAW proposes an arsenic post mitigation remediation level of 8 mg/kg while background concentrations have ranged between 1 to 4 mg/gk. The RAW justifies an arsenic level above background conditions by calculating the point of inflection between the background data and site data and identifying on page 15 that there will be incomplete pathways since the site will be developed into townhouses / apartment buildings.

#### WKA Response:

The term "soil screening level" has been changed to "ceiling level" in the Revised Draft RAW. Wording to the effect that, "the DTSC will review all confirmation sample results prior to completion of excavation activities to ensure no additional soil needs to be removed and transported to a permitted facility," has been inserted into the text of page 3 of the Revised Draft RAW.

#### DTSC Comment #2:

The RAW should state remediation levels were selected for unrestricted land use.

#### WKA Response:

The fourth bullet item on Page 2 of the Draft RAW under Section 1.3, Removal Action Objectives (RAOs), states: "Obtaining certification from the DTSC for unrestricted land use."

This statement, italicized in the paragraph below, has been added to the first paragraph, page 3, of the revised RAW as shown here:

The proposed removal action for the site has been selected on the basis of effectiveness, implementability, and cost, in conjunction with the RAOs stated above. Moreover, the selected remedial action developed and adopted for the contaminated media at the site is the most directly responsive to the stated RAOs. Remediation levels were selected for unrestricted land use.

#### DTSC Comment #3:

The RAW did not discuss the potential threat of the contamination impacting the groundwater and / or surface water (wetland). In support of the proposed remedy, the RAW should discuss protection of groundwater. An evaluation following the California Central Valley Water Quality Control Boards (CCVWQCB) designated level methodology (DLM) would need to be completed to show residual soil would not be a threat to the groundwater. This demonstration would need to be supported by di-ionized waste extraction test (di-WET) samples of soil. The CCVWQCB uses the DLM as a screening level. Information on the DLM can be downloaded at:

http://www.swrcb.ca.gov/rwqcb5/available\_documents/guidance/dlm.pdf#search=%22designated%20level%20methodology%22. The RAW should include the depth to the groundwater table and discuss if any well have been impacted. In support of the proposed remedy, the RAW should discuss the protection of the surface water. The RAW should summarize the sediment and water sample data. The RAW should discuss if the contamination in the surface water traveled off-site or is limited to on-site. Has the contamination impacted any drinking water?

#### WKA Response:

A discussion of soil and water factors related to potential contaminant risk to those media is incorporated into Sections 4.1 through 4.4 on pages 19 through 27 of the Revised Draft RAW. Other comment elements are addressed in the same sections.

#### DTSC Comment #4:

The RAW should state that a closure report will be prepared to document all remedial activities have been completed. The report shall include, but not limited to: a description of field activities completed and justification for any deviation from the RAW, a map showing the actual excavated areas, a description of the volume of soil excavated, analytical

laboratory results, field screen and confirmation sample results, air monitoring reading, photographs taken during construction activity, copies of the manifest, and conclusions and recommendations associated with the goals and objectives of the RAW.

#### WKA Response:

With the exception of the highlighted phrases, which are added to the Revised RAW, Section 12, *Project Schedule and Report of Completion*, on page 53 of the original Draft RAW stated:

A [Removal Action Completion Report] RACR, documenting all activities conducted pursuant to an approved RAW and certifying that all activities have been conducted consistent with this RAW will be prepared. The report shall include, but not be limited to: a description of field activities completed and justification for any deviations from the RAW, a map showing the actual excavated areas, a description of the volumes of soil excavated from each mitigation area, analytical laboratory reports, field screening and confirmation sample results, air monitoring reading, photographs taken during site activities, copies of the manifest, and conclusions and recommendations associated with the goals and objectives of the RAW. DTSC must approve the closure report prior to mailing a site certification letter.

Changes (inserted words) to the text, as written on page 61 of the revised RAW, are highlighted in the above text.

#### DTSC Comment #5:

The RAW must include the Administrative Record as a separate appendix. DTSC will prepare the Administrative Record. A copy of every major item on the Administrative Record must be placed in the site's repository before the 30-day comment period begins.

#### WKA Response:

This administrative protocol is acknowledged. Copies of the mentioned items will be made available at a public repository during the 30-day comment period.

#### **DTSC Comment #6:**

Prior to approving the RAW for a 30-day public comment period to allow the public to review and document and provide comments, a community profile and other associated public participation activities must be completed. Please contact Mrs. Heidi Nelson at (916) 255-3575 for additional information regarding public participation activities.

#### WKA Response:

Ms. Nelson has been contacted and (when assigned) will assist with the required public participation activities. At Ms. Nelson's direction, a community profile and other associated public participation activities will be completed prior to the 30-day public comment period.

#### DTSC Comment #7:

The RAW should contain tabs to easily identify figures, tables, and appendices.

#### WKA Response:

The original Draft RAW incorporated colored page inserts for this purpose. At the request of DTSC WKA uses tabbed dividers in the Revised Draft RAW.

#### DTSC Comment #8:

The RAW proposes to excavate to approximately 1.0 to 1.5 feet below the ground surface (bgs) to excavate contaminated soil. Based on the soil sample results in table 3 and table 4, the RAW might consider excavating to 1.5 to 2.0 feet bgs. In some areas to ensure the contaminated soil is removed. Some of the soil samples for arsenic collected at 1.0 to 1.5 feet bgs. were above the proposed ceiling value and would require additional excavation.

#### WKA Response:

Areas where deeper samples yielded arsenic concentrations above the proposed ceiling value will be deepened slightly (~additional 6- to 12-inches) and selected as confirmation sample points. These areas are shown in revised Figure 4.

Resultant text changes to the RAW are cited below:

#### 1.0) Revised RAW page 36 –

#### Implementability

This alternative is considered 'moderate' to implement. No special equipment is needed for execution of the excavation; the excavation soil depth is estimated to be only 1.0- to 1.5-feet bgs (and 1.5- to 2.0-feet bgs where necessary as shown on Figure 4), which can be accomplished with standard earth-moving equipment. Acceptance by an appropriate off-site disposal facility would be required.

#### 2.0) Revised RAW page 36

#### 5.2.3 Selected Remedy

... The remedy will require excavating the top 1.0- to 1.5-feet of soil (with limited extended excavation depths of 1.5 to 2.0-feet bgs as required) from the identified mitigation areas.

#### 3.0) Revised RAW page 45

#### 7.2 Description of Selected Remedy

Our selected remedy requires excavating the top 1.0- to 1.5-feet of soil from three mitigation areas (with limited extended excavation depths to 2.0-feet bgs as required). As the impacted material is excavated, it will be stockpiled on plastic within bermed, or otherwise protected, areas adjacent to the excavation areas. Soil will be removed from the site and transported by an approved, properly licensed, trucking contractor to an approved landfill.

#### 4.0) Revised RAW page 50

#### 7.7 Excavation

In accordance with the remedial action selected to clean up the site, approximately 11, 600 cubic yards of impacted soil will be scaled to depths ranging from 1.0 to 2.0-feet below ground surface.

#### 5.0) Revised RAW page 53

#### 7.7.5.1 Initial Excavation

The initial excavation will include the three mitigation areas discussed in previous sections. The remedy will require excavating the top 1.0- to 2.0-feet of soil from the identified mitigation areas.

Appendix Revisions include:

#### Appendix E, Sampling and Analysis Plan

1.0) Revision page 3 under Project Scope

The depth of the excavation pit is expected range from 1.0 to 2.0-feet below surrounding grade.

2.0) Revision page under *Backfill Material Soil Sampling*Because of the shallow depth of the proposed excavation (1.0 - 2.0-feet bgs),

#### Appendix H, Erosion and Sediment Control Plan

1.0) Revision page 1, second paragraph under Site Inventory and Analysis Proposed excavation depths will vary from 1.0 to 2.0- feet below ground surface (bgs).

#### End of General Comments

#### Specific Comments on the RAW

#### DTSC Comment #9:

Page 3 states DTSC will issue a no further action determination letter for the site. DTSC will issue a certification letter which states all activities as stated in the RAW have been completed. Please make the appropriate change to the RAW.

#### WKA Response:

Page 3 of the Revised Raw has been modified (highlighted text shown below) as follows:

Following completion of the removal action and prior to site occupancy, WKA has established a final administrative goal of obtaining a certification letter from the DTSC. By this certification, DTSC will attest that all necessary response actions have been completed in accordance with the approved RAW, and acknowledge that known site conditions do not pose a significant risk to residents.

#### DTSC Comment #10:

The RAW should include a few sentences in section 3.2: Extent and volume of contamination which discusses the vertical extent of the contamination. Section 3.2 should summarize the soil sample results which are in tables 3-5.

#### WKA Response:

Section 3.2 on pages 18 and 19 of the Revised RAW are revised with the inclusion of the italicized text shown below. Additionally, Figure 4 and Table 9 have been modified accordingly.

Tables 3 through 5 present summaries of detected arsenic concentrations, which are mapped on Figure 4. The lateral distribution of arsenic concentrations on the subject property with respect to a 16.0 mg/kg isoconcentration contour is shown.

Arsenic concentrations detected in soil samples collected from the 0 – 0.5-foot depth interval ranged across the site from below a reporting limit of 1.0 mg/kg, and a minimal detection of 1.1 mg/kg, to a maximum detected concentration of 68 mg/kg. The concentrations of arsenic detected in soil samples collected from the 1.0-1.5-foot depth interval ranged from below a reporting limit of 1.0 mg/kg, and a detected low of 1.5 mg/kg, to a high of 41mg/kg. Arsenic concentrations greater than the cleanup screening level of 16 mg/kg were detected in only three samples including sample DS-49b (17 mg/kg), DS-29b (41 mg/kg), and DS-48b (32 mg/kg). These locations, which are slated for excavation to approximately 2.0-feet bgs, are shown as hatched areas on Figure 4.

#### DTSC Comment #11:

Page 37 states DTSC will file a Negative Declaration with the Governor's Office of Planning and Research to comply with the California Environmental Quality Act (CEQA). DTSC will consider the appropriate CEQA determination in coordination with Placer County certified the Environmental Impact Report (EIR) for the site's development. The RAW should state that the 30-day comment period for the RAW will not start until Placer County EIR has been certified. Make the necessary corrections in the RAW.

#### WKA Response:

The referenced ARAR under Title 27, CEQA has been revised to state on page 45:

Title 27: Environmental Protection and California Environmental Quality Act (CEQA) Elements of this RAW must comply with CEQA.

DTSC will consider the appropriate CEQA determination for this action in coordination with Placer County's certified the Environmental Impact Report (EIR) for the site's development. The 30-day comment period for the RAW will not start until the Placer County EIR has been certified.

#### DTSC Comment #12:

- 1) Section 6.2 contains an "Applicable or relevant and appropriate requirements" (ARAR) section. The ARAR should consider the following:
  - California Hazardous Material Standards, California Code of Regulations (DDR) 8, 14, 22, 23, and 26 provides California criteria for defining hazardous material and provides regulations regarding storage, transport, documentation, treatment, and disposal of hazardous waste
  - RCRA
  - CCR 8 which requires hazard communication, injury, and illness prevention during implementation or removal action, and an excavation permit for certain excavation activities.
  - Air Quality Management District Regulations, which sets rules and establishes standards regarding air emissions and air quality.
  - County or City of Placer which regulate a variety of activities including grading, excavation, and analyzing soil for hazardous waste classification.

#### WKA Response:

Where appropriate, these ARARs are provided (and supplemented in the Revised RAW) in Section 6.2 of the RAW (pages 40 through 45).

#### Comments on the Remediation Design and Implementation Plan (RDIP)

#### DTSC Comment #13:

The RAW should contain a detailed schedule which shows when the excavation activities are expected to start and finish.

#### WKA Response:

The precise start date of the proposed mitigation activities will likely not be determined until Spring of 2009. This date will depend on completion and approval of the EIR. However, a general schedule of activities is provided in Table S12-1 in Section 12.0 of the RAW.

#### DTSC Comment #14:

A discussion of the necessary permits (grading, tree removal, air permit, etc) must be included in the report. Copies of the permits should be mailed to DTSC three days prior before implementing the RDIP.

#### WKA Response:

A Placer County grading permit for site grading operations will need to be obtained prior to site activities. A tree removal permit must also be obtained due to the planned removal of site woodland areas. A general 404 Army Corps of Engineers Wetland Permit will additionally be required since impacts to wetlands are proposed. The site proponent, or entities under contract with the site proponent, will be handling these permits and issues associated with them. No air permit is required for the proposed work.

Additional discussion has been added to Section 7.6.4, Permits and Plans, on page 50 of the Revised RAW.

#### DTSC Comment #15:

The RDIP should state that at least three real time dust monitors will be used to monitor dust during all excavation activities, including excavation, loading etc. At least one air monitor should be upwind and two down-wind to protect the workers and public.

#### WKA Response:

Page 55, Section 7.9.1, Air Monitoring, of the Draft RAW states in general terms:

Air monitoring will be performed during all site activities in which contaminated, or potentially contaminated materials are being disturbed or handled.

And on page 55, first bullet, third sentence:

The SSO will monitor on-site meteorological instrumentation and coordinate with off-site meteorological professionals to identify conditions that may require cessation of work (i.e., winds in excess of 25 mph). No specific wind velocity restrictions for soil excavation in the subject area are established, however, a self imposed action level for work stoppage will be set at a sustained wind velocity of 25 mph.

And page 55, second bullet:

Real-time, data-logging aerosol monitors (personal data ram) will be used...

More specific information is contained within the Heath & Safety Plan in the Draft RAW (Appendix D, Page 25). The Plan states that:

Air monitoring will be performed during all site activities in which soil potentially containing elevated concentrations of arsenic, or elevated concentrations of particulate dust matter are being disturbed or handled. Real-time particulate monitors equipped with continuous data logging capability as well as instantaneous readings will be utilized during site activities. The monitors will be capable of measuring real-time concentrations and median particle size (PM1.0, PM2.5 and PM10) of airborne dust. In addition, air temperature and humidity will be measured. Three real time dust monitors will be used to monitor dust during excavation and soil load-out activities to protect the workers and the public. Two air monitors will be set-up in the downwind location to monitor potential offsite fugitive dust emissions and one monitor will be set-up in the upwind location. The monitors will be factory calibrated prior to the initial set-up and will be calibrated daily in the field according to the manufacturer guidelines.

#### DTSC Comment #16:

The RDIP should include a sample strategy plan to collect a representative number of samples following the excavation appropriate for unrestricted land use. A diagram showing where the confirmation samples will be collected should be included in the RAW. The report should discuss if the 95 upper confidence limit of the confirmation samples are above the Remedial Action Objectives (RAOs), then excavation will continue until the RAOs are achieved. Additional confirmation samples will be collected following each subsequent excavation event, and the 95 UCL from the new data set will be compared to the RAOs. DTSC representatives should be present during the collection of post-excavation sampling.

#### WKA Response:

Section 1.3, Removal Action Objectives, page 2 of the Draft RAW contains the discussion of confirmation sampling/excavation iterations as follows:

Evaluation of chemical concentrations detected in soil confirmation samples, following the removal action, to determine whether RAOs have been achieved, or whether additional cleanup is required.

In Section 7.0, Remedial Design and Implementation Plan, Section 7.2, Description of Selected Remedy, on page 38 (Revised page 46) of the Draft RAW stated:

Figure 6 illustrates the mitigation areas with grids illustrating potential confirmation sample locations. Proposed confirmation sampling methodology is presented in detail in Appendix E, Sampling and Analysis Plan (SAP) of this RAW.

The following text has been added to Section 7.7, Excavation (page 51) of the Revised Draft:

If after the initial, planned excavation is complete, confirmation sample data indicates that the 95% upper confidence limit of the confirmation samples are above the Remedial Action Objectives (RAOs), then excavation will continue until the RAOs are achieved. Additional confirmation samples will be collected following each subsequent excavation event, and the 95 UCL from the new data set will be compared to the RAOs. DTSC representatives should be present during the collection of post-excavation sampling.

Section 9.0, Sampling and Analysis Plan (Confirmation Sampling), on page 51 of the Draft RAW (page 59 of the Revised Draft RAW) states:

Following excavation activities, grab samples will be collected from the excavation floors and sidewalls to verify that the removal action has achieved the RAOs. Typical proposed confirmation sample locations are presented on Figure 6." ...

And,

"Additional confirmation sampling will be implemented as needed. Analytical results from confirmation samples exceeding remedial action screening objectives may result in additional excavation and confirmation sampling.

#### DTSC Comment #17:

The RDIP should state that prior to starting excavation activities, the impacted soil will be wetted daily to minimize dust

#### WKA Response:

Section 7.6.3, Contaminant Control, on page 42 of the Draft RAW (page 50 of the Revised Draft RAW) states:

Sections 7.7 thru 8.0 contain specific information on contaminant control measures that will be employed during the removal action.

Section 7.7, Excavation, states:

Fugitive dust will be controlled during excavation activities by moistening the soil (if necessary) and ceasing operation if excessive dust is observed.

And again in the same section:

Properly trained and equipped hazardous waste qualified workers will conduct all fieldwork. In order to avoid generating dust, excavation areas are to be controlled by soil wetting (if necessary) and air monitoring (at property perimeter and work area).

#### Comments on the Transportation Plan Appendix G

#### DTSC Comment #18:

Appendix G should discuss why the routes were chosen and all route maps must clearly identify routine stops (e.g., weight stations). A map and description of any alternative routes should be included in case of an emergency. All routes should avoid, to the extent possible, residential area, peak traffic hours, and potentially hazardous road conditions (e.g., night transportation, inclement weather).

#### WKA Response:

Page 10 of the Draft Transportation Plan states under the heading of Traffic Control:

Vehicle idling time within the staging area will be kept to a minimum (approximately three minutes) to limit air emissions. Two proposed disposal routes, showing likely routes from the site to one of two likely landfills, are shown in Appendix G-1. These route selections were chosen to best minimize interference with local traffic and proximity to populated areas and sensitive receptors.

WKA has updated proposed potential landfill destinations in the Revised Transportation Plan. The revised plan proposes consideration of the Western Placer Waste Management Authority Landfill in Lincoln, CA. With the exception of the most contaminated fraction of the transported material, which can be segregated and transported separately to one of the previously proposed destinations, the Western Regional landfill would be a most appropriate and cost effective alternate disposal location for non-hazardous soil.

Previous consideration of the Forward Landfill in Manteca would have included a weight station in Antelope. There are no weight stations along the current proposed routes.

It states on pages 10 and 11 of the Draft Transportation Plan:

In the event of encountering potentially hazardous road conditions (e.g. – accident sites, inclement weather, nightfall or other cause of restricted visibility) alternate routes may be used, or transport will be delayed. Truck drivers will be in direct radio communication with their dispatchers. In the event of equipment failure or other contingency, the dispatcher will contact the most appropriate source of aid.

#### DTSC Comment #19:

Appendix G should discuss the procedures for weighing of the loads (if applicable), how and where decontamination will be conducted, how the contaminated soil will be covered, and the method to be utilized to minimize releases of material during loading and prior to covering the trucks.

#### WKA Response:

On pages 3 and 4 of the Draft RAW Transportation Plan it states:

Trucks will be weighed on-site using either axle scales attached to the vehicles or rollover scales. Once filled, trucks will be covered with a permanent fixed cover, tarpaulin or other means to prevent fugitive dust. Each truck will be visually inspected for proper loading, covering/sealing, decontamination, placarding and manifesting prior to leaving the site.

#### And page 4

Bulk solid debris will be removed from each truck by scraping with shovels or other implements prior to leaving the site. Where necessary, trucks will be pressure-washed prior to exiting the site. A truck decontamination area will be prepared **near the site entrance**. Any rinse water produced will be collected and retained in drums or other approved container type(s) for analysis and disposal. (Pressure washing will only be used if other methods are not sufficient, as this method requires containing wash liquids in approved containers for disposal).

#### DTSC Comment #20:

Appendix G should describe how the date, time, weight/volume, trucking company, drive, and vehicle used for each trip will be recorded and maintained.

#### WKA Response:

Under **Record Keeping**, page 11 of Draft Transportation Plan, one stipulation states:

- a bill of lading properly completed and signed by the generator and the transporter (22 CCR Section 66263.20(a)).
  - the bill of lading will identify the date, time, weight/volume, waste/material, transporting company, driver, and vehicle for each trip made;
  - o the driver will have a manifest in his or her possession while transporting the hazardous waste (HSC Section 25160(d)(1));

#### DTSC Comment #21:

Appendix G should discuss the health and safety procedures during loading and how workers will be properly trained in hazardous waste operations in accordance with 29 CFR 1910.120 and CCR Title 8, Section 5192. The health and safety plan must be communicated to the drivers.

#### WKA Response:

Items mentioned in this comment are included in the current Transportation Plan as presented in the Draft RAW Appendix G, under the Health and Safety Section, pages 12 and 13.

#### DTSC Comment #22:

The RAW should provide an estimate of time for round trip from the site to the facility and provide analysis of variation in trip time due to rush hour traffic.

#### WKA Response:

Travel time estimates were provided in the Draft RAW with the proposed disposal route information. We have added text on pages 6 & 7 of the Revised Transportation Plan to address this comment.

#### DTSC Comment #23:

The plan should describe if there will be any truck staging areas. If so, idling time should be kept at a minimum (e.g., three minutes) to limit air emissions.

#### WKA Response:

As stated in Appendix G, page 10, under Traffic Controls:

Vehicle idling time within the staging areas along Penryn Road and on-site will be kept to a minimum (approximately three minutes) to limit air emissions.

#### DTSC Comment #24:

All vehicles leaving the site must be decontaminated and properly covered prior to departure. The RAW should discuss how this will be done.

#### WKA Response:

This process is covered under Transportation, page 3 in Appendix G. The text states:

Once filled, trucks will be covered with a permanent fixed cover, tarpaulin or other means to prevent fugitive dust. Each truck will be visually inspected for proper loading, covering/sealing, decontamination, placarding and manifesting prior to leaving the site.

Bulk solid debris will be removed from each truck by scraping with shovels or other implements prior to leaving the site. Where necessary, trucks will be pressure-washed prior to exiting the site. A truck decontamination area will be prepared near the site entrance. Any rinse water produced will be collected and retained in drums or other approved container type(s) for analysis and disposal. (Pressure washing will only be used if other methods are not sufficient, as this method requires containing wash liquids in approved containers for disposal).

#### APPENDIX B

# CALIFORNIA DEPARTMENT OF WATER RESOURCES WELL LOGS & LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION



File with DWR

Notice of Intent No .\_\_\_

#### THE RESOURCES AGENCY

#### DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 43321

Notice of Intent No	WATER WELL D	RILLERS REPO	KT ;	State Well No.	
Local Pennit No. or Date				State Well No. 2NOTE	35 M
(1) JWNER: Name Jeri Chape	mans			0.5ft. Depth of completed v	
Address 26 30 Jaylor Rd	0010	from ft. to ft. Fop	nation (Describe	by color, character, size or r	naterial)
City flessefu	zip 95663	0 - 75 J	scomps	ged Tyginen	<u>,                                      </u>
(2) LOCATION OF WELL (See instruct	ions):	75 - 105	well !	Manite	
County Malle Owner's 1	Well Number	-		<u> </u>	
Well address if different from above	73.0	-	/	<del>\</del>	
Township 12 N Range 7E	Section 33		`	$\bigvee$	
Distance from cities, roads, railroads, fences, etc.	use souly of		<del>-///-</del>	¥	
Jennym ""					
Cherry			——————————————————————————————————————		
	(3) TYPE OF WORK:	A .	<del>/</del>		
	New Well Deepening		$\rightarrow$		
16/	Reconstruction		7		
	Reconditioning	<u> </u>			
Ru	Horizontal Well	- J	~ <del>(4)</del>		
	Destruction   Describe	1/1/2-	111-0		
1 R	destruction materials and procedures in Item 12	\ <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	-79)		
$\begin{pmatrix} z & y \\ \zeta & y \end{pmatrix}$	(4) PROPOSED USE	- (12		601 th	
(13) \ATA	Domestic	10	J/ 0	<del>. ```</del>	
the Nor	Irrigation	1-1	105	9	
	Industrial	$\bigcirc$	4/0		
	Toot Well	11/12-	\		
	Stock	(()	00		
	Municipal		9		
WELL LOCATION SKETCH	Other 🔲		/ 		
(5) EQUIPMENT: (6) GRADEA	PACK:	\(\sigma^-\)			
Rotary D Reverse D No	Size (				
Cable	re	$0/m_{\tilde{\lambda}}$			
Other Bucket Parked from	A W	//// -			
(7) CASING INSTALLED (8) PERFOR	()	<u> </u>			
Steel Plastic Concrete Type of perform	tion of screen	-			
From To Dia. Cage or From ft. ft. wall ft.	To Sign				
ft. ft. in. Wall ft.	100				
	10/11/2	_			
	(1) K				
(9) WELL SEAL:	AHB.	-			
· · ·	If yes, to depth 5.5 ft.	, -	··········		
	☐ Interval Ø - 55 ft.				
Method of sealing Casing agrant		Work started 8-10	19.77	Completed 8-14	1977
(10) WATER LEVELS:		WELL DRILLER'S	STATEMENT	:	
Depai of hist water, if known	ft.	This well was drilled un knowledge and belief.	der my jurisdictio	on and this report is true to t	he best of my
Standing level after well completion	ft.	Signed Lon	12 WATER	tte	
Was well test made? Yes M No I If yes, by	whom?	e a typki	Marcia Well	Driller)	
Type of test Pump  Bailer  Bailer	Air lift	NAME PAILER	WELL DRI		
Dispharge goldmin of test ft.	At end of testft	1	₦₭₦₯₢₨~ ₼ <b>₯</b> <del></del>		
Dischargegal/min afterhours  Chemical analysis made? Yes [] No [2] If yes, by	· Water temperature	City	, CALIFORNIA 9	3050 Zip	
. –	ach copy to this report	License No. 300 6	30 r	Date of this report 9-15	-71
	CE IS NEEDED, USE N	EXT CONSECUTIVE	LY NUMBER	ED FORM 43816-950 7.76 50	M OUAD OT OSP

**ORIGINAL** STATE OF CALIFORNIA WELL COMPLETION REPORT File with DWR Refer to Instruction Pamphlet Page \_\_1\_ of \_\_\_1 Date Work Began 06/02/98, Ended 06/02/98 529796

Local Permit Agency LONGITUDE Local Permit Agency PLACER COUNTY HEALTH DEPT APN/TR\$/OTHER Permit No. <u>012940</u> Permit Date \_\_\_\_04/21/98 - WELL OWNER - CEOLOGIC LOG -Name MARTYNSE, STEVE ORIENTATION ( ) X VERTICAL \_\_\_ HORIZONTAL \_\_\_ ANGLE \_\_ (SPECIFY) Mailing Address 7616 PRINCE STREET DEPTH TO FIRST WATER 50 (FL) BELOW SURFACE DEPTH FROM SURFACE <u>CITRUS HEIGHTS,</u> DESCRIPTION Describe material, grain size, color, etc. Ft. to Ft. WELL LOCATION \_ Address TAYLOR ROAD 25 D.G. O: PENRYN 25 50 D.G. City \_\_\_\_ County PLACER 75; D.G. 50; APN Book 032 Page 241 Parcel 75 87 D.G. 100 GRANITE Township 12N Range O7E Section \_ 87 125 GRANITE 100: DEG. MIN. SEC. Longitude DEG. MIN. SEC. 129; FRACTURE 125 X NEW WELL - LOCATION SKETCH -129 150 GRANITE - NORTH -168 GRANITE 150 MODIFICATION/REPAIR 171 FRACTURE 168! \_\_\_\_ Deepen 186 GRANITE 171 \_\_\_ Other (Specily) 187 FRACTURE 186 200 GRANITE 187: DESTROY (Describe Procedures and Malorials Under "GEOLOGICLOG") PLANNED USE(S) (∠)
\_\_\_\_ MONITORING

TOTAL DEPTH OF (	COMPLET	ED W	/ELL		200 (Feet)		*.	May not be repres	entative	of a	well's lon	g-term	yield.		
DEPTH	BORE-	Π			C/	SINC(S)	,			DEPT			ANNL	LAR	MATERIAL
FROM SURFACE	HOLE		PE ( ±			INTERNAL	GAUGE	SLOT SIZE	FRO	M SU	RFACE		Lagar	T	YPE
Ft. to Ft.	DIA. (Inches)	BLANK	CON.	FILL PIPE		Onches)	OR WALL THICKNESS	IF ANY (Inches)	Ft.	to	Ft.	CE- MENT (上)		FILL (ビ)	FILTER PACK (TYPE/SIZE)
0 23	10					0				0	23	N	Y	N	
0 100	-0-	<del> </del>	4	<b>N</b>	F480 PVC	_6	CL125					<u> </u>	ļ		
		$\vdash$	+	$\vdash$					<u> </u>	<u>1</u>	*	<del> </del>	<del> </del>	ļ	
								<u> </u>		1					

WATER LEVEL ....

SOUTH

SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

METHOD HIK KOTARY FLUID WATER

WATER LEVEL & YIELD OF COMPLETED WELL —
DEPTH OF STATIC
MATER LEVEL 50

ESTIMATED VIELD . 15 (GPM) & TEST TYPEAIR BLOW

TEST LENGTH 4 (Hrs.) TOTAL DRAWDOWN O (F1.)

50 (Ft.) & DATE MEASURED 06/02/98

ATTACHMENTS (∠)	CERTIFICATION STAT	
Geologic Log	I, the undersigned certify that this party is complete and accu	rate to the best of my knowledge and belief.
Well Construction Diagram	NAME (PERSON TIRM NO CONTRAINING (THE OF FRINTED) G CO.	
Geophysical Log(s)	( Endot), Think on Cold districtly (The Cold France)	
Soil / Water Chemical Analyses	MINESO ALA AIRBART READ: AUBURN;	@A : 95602 STATE ZIP
Other	MESS OLB AIRBORT ROAD, AUBURN,	
ATTACH ADDITIONAL INFORMATION. IF IT EXISTS.	Signed WELL DRILLER/AUTHORIZED REPRESENTATIVE	6/3/67 398306 DATE SIGNED C57 BIGGES 300 GER
TAME COORDY 7 OF THE ADDITIONAL	CRACE IS MEEDED. HEE MEYT CONSCRIBINELY MINABEDED	FORM

WATER SUPPLY

X Domestic \_\_\_\_ Public \_\_\_ Irrigation \_\_\_\_ Industrial "TEST WELL" \_\_\_ CATHODIC PROTEC

\_\_\_\_ TION \_\_\_\_ OTHER (Specify)

TOTAL DEPTH OF BORING \_\_\_\_\_\_ 200 (Feet)

#### **ORIGINAL**

#### File with DWR

#### STATE OF CALIFORNIA

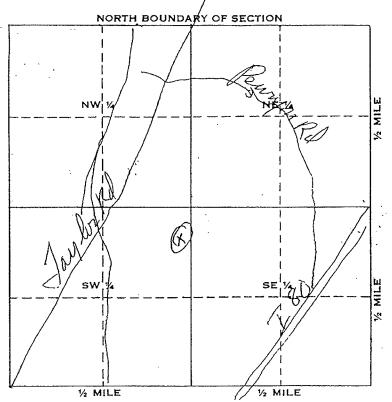
#### THE RESOURCES AGENCY

## DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No.30358

Notice of Intent No WATER WELL DI	State Well No. Other Well No. 12N07E35P
Local Permit No. or Date	Other Well No.
(1, OWNER: Name Eddie Bedrosian	(12) WELL LOG: Total depth 40 ft. Depth of completed well 40 ft.
Address 5531 Michael Way	from ft. to ft. Formation (Describe by color, character, size or material)
City	1) - 2
(2) LOCATION OF WELL (See instructions):	0-3 707 5014
County Placer Owner's Well Number	3-58 D.G.
Well address if different from above Penryn Road	3 38 0.63.
Township 12 N Range 7 E Section 35	58-77 BLACKY WHITE GRANITE
Distance from cities, roads, railroads, fences, etc.	03 /3 14 WILL (CRINTILE
	77-741 FRIXE
(3) TYPE OF WORK:	74 MIJO BLACK + WHITE GPANITE
New Well Deepening	
Reconstruction	130 - DA FRAG
Reconditioning	
Horizontal Well	2-140 SIBOKYWHITE GRANITE
Destruction (Describe destruction materials and	
procedures in Item 127	\ \frac{1}{2}
(4) PROPOSED USE	
Domestic	
Irrigation	
Industrial	
Tou Well	
Stock	) \( \frac{1}{2} \)
Municipal	
WELL LOCATION SKETCH Other	
(5) EQUIPMENT: (6) GRAVE PACK:	
Rotary Reverse Nov Size	
Cable Air Demeter of hore	
(7) CASING INSTALLED  (8) PERFORATIONS: SHAVED  Steel   Plastic   Concern   Type of performing or vize of screen	<del>-</del>
From To Dia. Cage or Fresh To Service ft. Wall ft.	
Q (3 8 7/8 23 63	-
	_
	_
(9) WELL SEAL:	
Was surface sanitary seal provided? Yes No 2 If yes, to depth ft.	
Were strata sealed against pollution? Yes No Interval ft	22-33 2 1 2 7/3 10 7 7
Method of sealing CEMEIYI	Work started 19 19 Completed 3 322 19 WELL DRILLER'S STATEMENT:
(10) WATER LEVELS:  Depth of first water, if known 40 ft	This well was drilled under my jurisdiction and this report is true to the best of my
Standing level after well completion /.5 ft	
(11) WELL TESTS:	SIGNED (Well Driller)
Was woll test made? Yes No If yes, by whom? DXILLER.  Type of test Pump Bailer Air lift E	NAME Gary C. Tanko Well Drilling, Inc.
Depth to water at start of testft. At end of testft	(Person, firm, or corporation) (Typed or printed)
Discharge 30 gal/min after hours Water temperature	Address 2630 Grass Valley Hwy
Chemical analysis made? Yes  No 2 If yes, by whom?	City Auburn, Ca. Zip Zip 283051 Date of this report late 3 5 1977
electric log made? Yes [] No [] If yes, attach copy to this report	License No. ZOADZI Bac of the
R 188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED. USE	NEXT CONSECUTIVELY NUMBERED FORM 43816.950 7-26 50M QUAD (1)T OSP

ORIGIN	C( Wa't	OAMON Cocce	VZJ,	, pen	THE		ALIFORNIA (CES AGENCY)	O NECES		Do Not 1 Nº 11	
File wit	h DWR		ડ <sub>ંહ</sub> ું. <b>૮</b>	OG WAT			RILLERS R	Y		her Well Noher Well No	107E35P
(1) OWN Name Address		in /	Kera	A.	Denry	y Ca	(11) WELL Le  Total depth  Formation: Describe b	100 ft.	Depth of con		100 m
(2) LOC	Race	w.		wner's number, if	3 5 5	0 -		Olcon Olcon	poded	grant.	100
Distance from con (3) Pen (3) TYP! New Well [	E OF Dee	, railroads, et RD. D WORK pening []	lees. (cbeck) Recond	litioning [	Cere 7	Pesta Resta August 8 1		13.1	ue l	hande	
(4) PROD Domestic Irrigation	POSED Indi	USE ( ustrial [ t Well [	(check):   Munici   Ot	pal [] []	5) EQUI Rotary Cable Other	PMENT:					
(6) CAS	L:	OTHE	Pastie	· .	ravel pacl	ked					
From ft.	10 it.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To fc.					
Size of shoe or Describe joint	well ring:			Size of gravel:							
(7) PER				REEN:							
From ft.		Γο fs.	Perf. per row	per ft.		Size . x in.					
		4									
(8) CON Was a surface Were any strat	sanitary sea	l provided?	Yes 🎁 İ	No [	what depth  If yes, note	64 ft.					
From () fi. to 6 4 ft.  From ft. to f ft.  Method of verling Malling  (9) WATER LEVELS:  Depth at which water was first found, if known 60 ft.									11-11 19 7	true to the best	
Standing level Standing level (10) WI	before perf	erforating, if	koown		fe.	Address 59	TEN WELL TO 07 SAUNDERS - DMJS, CALIFORN	652-7260	(Typed or printe	1)	
eld: Temperature o	g of water	al./min. with	Was a chem	ft, drawdows ical analysis made	Yes 🗌	[SIGNED]	Jerge h	710	lera - iller) 11-25		



A. Location of well in sectionized areas. Sketch roads, railroads, streams, or other features as necessary.

NORTH ·	
WEST EA	ST_
souтн	

B. Location of well in areas not sectionized.

Sketch roads, railroads, streams, or other features as necessary.
Indicate distances.

Township \_\_\_\_\_\_\_N/s-

Range \_\_\_\_\_\_ E/W

Section No. 35

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

#### DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do not fill in  $N_0.30325$ 

Notice of Intent No. WATER WELL DE	
Local Permit No. or Date	Other Well No. 12 N 7E-35
OWNER: Name Steve Peterson	(12) WELL LOG: Total depth // Oft. Depth of completed well // Oft.
Address \$200 Surya Callege Bland	from It. to It. Formation (Describe by color, character, size or material)
City Rascuelle, 75678 Zip	- 0- 1 70/Sail
·	- 1- 35 D.G.
(2) LOCATION OF WELL (See instructions):  County Placer Owner's Well Number	- 35-110 Reself White Gr
Well address if different from above Penryn Hills Estates Parcel	D -
Township 12 N Range 7E Section 36	~
Distance from cities, roads, railroads, fences, etc.	- \
	-
	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
(3) TYPE OF WORK:	
New Well Deepening	
Reconstruction	- \ \
Reconditioning	~
Horizontal Well	(M) - MD
Destruction (Describe destruction materials and	110-10
procedures in Item 127	
(4) PROPOSED USE	
1 . 1/9	
Irrigation	
A Industrial Togt Well	14/0/
// // // // // // // // // // // // //	
Stock	
Municipal	2
WELL LOCATION SKETCH Other	/ - D'
(5) EQUIPMENT: (6) GRAVEN PACK:  Rotary P Reverse   No Size	
Other Bucket Raked from  (7) CASING INSTALLED (8) PERFORATIONS:	
Steel Plastic D Concert Type of perforation or vize of screen	
	_
From To Dia. Gaggor Fresh To Start size of t. Wall fit.	-
0 45 5/4 25 45 3"	•
277 30 10	-
	-
(9) WELL SEAL:	-
Was surface sanitary seal provided? Yes No I If yes, to depth ft.	•
Were strata sealed against pollution? Yes No Intervalft.	
Method of sealing	Work started 19 Completed 3 - 19 19
(10) WATER LEVELS:  Depth of first water, if known ft.	WELL DRILLER'S STATEMENT: This well was drilled under my jurisdiction and this report is true to the best of my
Standing level after well completionft.	knowledge and belief.
(11) WELL TESTS:	SIGNED day (Wall Dellar)
Was well test made? Yes No I If yes, by whom?	(Well Driller) NAME Gary G. Tanko Well Drilling, Inc.
Type of test Pump  Bailer  At and af lift  Depth to water at start of test  tt. At end of test  tt.	NAME Gary C. Tanko Well Drilling, Inc. (Person, firm, or corporation) (Typed or printed)
Discharge 2 gal/min after hours Water temperature	Address 2630 Grass Valley Hwy
Chemical analysis made? Yes No If yes, by whom?	City Auburn, Ca. Zip.
We electric log made? Yes No I If yes, attach copy to this report	License No. 282051 Date of this report APR 5 1977
(188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED. USE 1	NEXT CONSECUTIVELY NUMBERED FORM 43816-350 7-76 50M QUAD (DY OSP

#### THE RESOURCES AGENCY

No. 41033

#### File with DWR DEPARTMENT OF WATER RESOURCES

Carrie Chael Centre Court County Coun	Notice of Intent No	WATER WELL DI	RILLERS REPORT	State Well No
Address: AQ54 Knoll Tap Court  City: Carmichael, Ca.  City: Carmichael, Ca.  Tip.  City: Placet  County Placet  County Placet  Flacet  County Placet  Some 180 and of Toda Pentryn Estates Dr.  Township 181 Range 2 Section 3 State of State	Local Permit No. or Date			Other Well No. 124/7E-35 -
CRY. CATHICASE (See instructions):  Owner's Well Manage / 2 Section / 3 Sectio				
(2) LOCATION OF WELL (See instructions):  Convert Well address if different (grow above 180 end of Todd Fenryn Estates Dr.  Township   18	Commished Co		- Tom it. to it. Foliation (Descri	be by color, character, size or material)
Well LOCATION SEFTCH  (5) EQUIPMENT:  (6) CRAYEL PERFORATIONS:  (7) CASING INSTALLED  Children   Dukster		•	-	
Well LOCATION SEFTCH  (5) EQUIPMENT:  (6) CRAYEL PERFORATIONS:  (7) CASING INSTALLED  Children   Dukster	(2) LOCATION OF WELL (See instru	ctions):	0-7 7005	/
Distance from cities, roads, submode, fences, etc.    3 - 50	County T80 end of	road Penrun Estat	es Dr -	
Distance from cities, coads, ratheands, fences, etc.	112011/ 10 6			
(3) TYPE OF WORK:    New Well & Despening	Township / Fig / Range / C C	Section 5 5		
Call	Distance from cities, roads, railroads, tences, etc		43 - 50 A	Bluck & Whity Ginni
(3) TYPE OF WORK:    New Well   Despening			- 1	
(3) TYPE OF WORK:  New Well II Despening    Reconstruction    Reconstituting    Horizontal Well    Destruction    Reconstituting    Horizontal Well    Destruction    Reconstituting    Horizontal Well    Destruction    (1) Perconstruction    Reconstituting    Horizontal Well    Destruction    (2) Perconstruction    Reconstruction    Re			50 - 150 Block	4 White Court
Reconstruction Recons		(3) TYPE OF WORK:	A	
Reconditioning		New Well P Deepening		
Horizontal Well   Destruction   Described performance in them to the performance in	$\lambda$	Reconstruction	-//	
Destruction   Closerable destruction materials and procedures in Item    (4) PROPOSED UNF.  (5) EQUIPMENT:   (6) GRAVEL PACK:		Reconditioning	1-70/	7
destruction materials and procedures in Rem proc	40/ 12	Horizontal Well	111 - 110	
PROPOSED UNC	1 10/1.	Destruction [ (Describe	110-	0
Domestic Irrigation   Discount	1 4/(+ /5	procedures in Item	<b>V</b> - <b>O</b>	000
Domestic Irrigation Ir		(4) PROPOSED USE?	ā (\dag{\sqrt{0}}	y (2)
Industrial	32\ \Q''		2 -1	
WELL LOCATION SKETCH  Other  Ducket  Other	F	Irrigation	1-17	90
WELL LOCATION SKETCH  Other  Stock  Municiple  Other  Reverse   Reverse   No   No   Size  Cable   Air    Discharge   Salary   Sal	The state of the s	Industrial		
WELL LOCATION SKETCH  (5) EQUIPMENT:  Reverse   No Size  Cable   No Size  Cable   Bucket   No Size  Country   No Size  Cable   Plastic   Country   No Size  Cable   Plastic   Country   No Size  Type of personner of hore  (8) PERFORATIONS:  To Sign  From To Dia. Casa of From To Sign  ft. ft in Wall ft.  (9) WELL SEAL:  Was surface sanitary seal provided? Yes   No   If yes, to depth   Cit.  Were strata scaled against pollution? Yes   No   Interval   No   Interval    Method of sealing  (10) WATER LEVELS:  Depth of first water, if known  Standing level after well completion.  (11) WELL TESTS:  (Well Driller)  NAME Gary C. Stanko Well Drilling Inc.  NAME Gary C. Stanko Well Drilling Inc.  NAME Gary C. Stanko Well Drilling Inc.  Address.  Alburn, Ca.  Zip	A.	Text Well	( ) - ( )	
WELL LOCATION SKETCH  (5) EQUIPMENT:  Rotary B Reverse		Stock	- 100	
(6) GRAYE PACK:    Cable   Air   Danker of hore   Cohere	Municipal			
Rotary B Reverse Reverse No Sizes  Cable Air B Watter of bore  Other Bucket Rotary for Free Rotary Reverse Rotary Rotary Reverse Rotary	WELL LOCATION SKETCH	Other O	-6	
Cable   Air   Bucket   Nakes from    Other   Bucket   Nakes from    (7) CASING INSTALLED   (8) PERFORATIONS:  Steel   Plastic   Concepted   Type of per (Daton or vize of screep)    From   To   Dia   Case of    ft.   ftl   in   Wall    O   O   To   Dia   Case of    ft.   ftl   in   Wall    O   O   To   Dia    O   O   To   Dia	(5) EQUIPMENT: (6) GRAVE	PACK:	<b>₹</b> ,- ♥	
Other	Rotary Reverse C Nes C N	lo Size		
(8) PERFORATIONS:  Steel   Plastic   Concepted   Type of perforation or size of screep    From   To   Dia. Case or   From   ft.   ft	Cable Air Diameter of	bore		
Steel  Plastic  Cockete  Type of per (Page of Screen)  From ft.	Other   Bucket   Roked rom	- No - No	//// -	
From to Dia Case or fit.    Co   Dia   Case or fit.   Signt			<u> </u>	
From ft. ft. ft. in. Wall ft. ft. size  C 0.3	Steel Plastic Concrete Type of per	oration or size of screep	<del>-</del>	
ft. ft in Wall ft ft size  O 0.3	From To Dia Cassor From	To KANA		
(9) WELL SEAL:  Was surface sanitary seal provided? Yes P No   If yes, to depth 2 to the less of my starts sealed against pollution? Yes   No   Interval   ft.  Method of sealing   Work started 9   9 19 77   Completed   9 19 77    (10) WATER LEVELS:	ft. ft() in. Wall ft	ft. size	-	
Was surface sanitary seal provided? Yes 1 No   If yes, to depth   C   ft.    Were strata sealed against pollution? Yes   No   Interval   ft.    Method of sealing   Work started   9   9   19   7 7   Completed   9   9   19   7 7    (10) WATER LEVELS:	0 03 0 72 33	53. 3		
Was surface sanitary seal provided? Yes 1 No   If yes, to depth   C   ft.    Were strata sealed against pollution? Yes   No   Interval   ft.    Method of sealing   Work started   9   9   19   7 7   Completed   9   9   19   7 7    (10) WATER LEVELS:			-	
Was surface sanitary seal provided? Yes  No  If yes, to depth  it.  Were strata sealed against pollution? Yes  No  Interval  it.  Method of sealing		Mil o	-	
Were strata sealed against pollution? Yes No Interval to the hest of my Mork started 9 / 9 19 77 Completed 9 / 9 19 70 / 9 / 9 / 9 / 9 / 9 / 9 / 9 / 9 / 9 /	(9) WELL SEAL:	20		· · · · · · · · · · · · · · · · · · ·
Were strata sealed against pollution? Yes No Interval to the hest of my Mork started 9 / 9 19 77 Completed 9 / 9 19 70 / 9 / 9 / 9 / 9 / 9 / 9 / 9 / 9 / 9 /	Was surface sanitary seal provided? Yes 2- No [	If yes, to depth 1 tt.		
Depth of first water, if known	Were strata sealed against pollution? Yes	No Tintervalit.	Work started 9 / 19 7	Confreted
Depth of first water, if known  Standing level after well completion  (11) WELL TESTS:  Was well test made? Yes & No   If yes, by whom? ## 7 Double  Type of test Pump   Bailer   Air lift    Depth to water at start of test ft. At end of test ft.  Discharge gal/min after hours Water temperature  Water temperature  This well was drilled under my jurisdiction and this report is true to the hest of my knowledge and belief.  SIGNED (Well Driller)  NAME Gary C. Tanko Well Drilling, Inc.  2630 Grass Valley Hwy  Address  Address  Address  Auburn, Ca.  Zip	(10) WATER LEVELS: 30		i .	
Standing lever after well completions  (11) WELL TESTS:  Was well test made? Yes to No   If yes, by whom? # 7 Do.	Depth of first water, if known		This well was drilled under my jurisd knowledge and belief.	liction and this report is true to the best of my
Was well test made? Yes to No   If yes, by whom? ## 7 Order  Type of test Pump   Bailer   Air lift    Depth to water at start of test ft. At end of test ft  Discharge   Sal/min after hours   Mater temperature    Discharge   Sal/min after hours   Mater temperature    Order   Material    NAME   Gary C. Manko Well Drilling    NAME   Gary	/11\ XXETI TECTC.	00	SIGNED ARMY	Tanko
Type of test Pump Bailer NAME Gary C. ** **Anko Well Drilling Inc.**  Depth to water at start of test ft. At end of test ft. At end of test ft. Discharge gal/min after hours Water temperature  **Discharge Gary C. ** **Anko Well Drilling Inc.**  Address Valley Hwy  Address Auburn, Ca. Zip	Was well test made? Yes A No [] If yes.	by whom? IF 7 Driller		Well Driller)
Discharge gal/min after hours Water temperature Auburn, Ca.	Type of test Pump   Bailer	∐ Air lift ∐	NAME Gary C. Manko We	11 Drilling, Inc.
Discharge gal/min after hours Water temperature Auburn, Ca.	· 4—		Address 2630 Grass Vall	ey Hwy
Chemical analysis made? Yes No I If yes, by whom?  Chemical analysis made? Yes No II If yes, by whom?  Date of this report SEP 3 0 1977		-	Auburn, Ca.	Ziv
			□ 282051	Date of this report SEP 3 0 1977

IF ADDITIONAL SPACE IS NEEDED. USE NEXT CONSECUTIVELY NUMBERED FORM 43816-950 72-76 50M QUAG OT OSP L-v/R 188 (REV. 7-76)

No I If yes, attach copy to this report

electric log made?

#### **ORIGINAL**

(11) WELL TESTS:

Depth to water at start of test

P sarge 30 gal/min after\_

Was electric log made? Yes

ical analysis made? Yes

Was well test made?

STATE OF CALIFORNIA

THE RESOURCES AGENCY

## DEPARTMENT OF WATER RESOURCES

Do not fill in No. 087097

File with DWR WATER WELL DRILLERS REPORT n of Intent No.\_ State Well No. Other Well No. 120/ Local Permit No. or Date\_ (1) OWNER: Name Jim Ingram (12) WELL LOG: Total depth 25 ft. Depth of completed well 25 to ft. Formation (Describe by color, character, size or material) 8048 Sunrise Citrus Heights, Ca. 95610 77 - .2 TOP SOLL (2) LOCATION OF WELL (See instructions): County Placer \_\_Owner's Well Number\_ Well address if different from above Penryn Estates Lot A -60 20 6 PM Township 12 N DE Section 75 Distance from cities, roads, milroads, fences, etc. 30 GPM (3) TYPE OF WORK: BRANITE New Well M Deepening Reconstruction 4 Reconditioning Horizontal Well  $\Box$ Destruction (Describe destruction materials and procedures in Item 12 (4) PROPOSED DSE Domestic Policies Irrigation PERRYN ESTATES Industrial Test Well Stock WELL LOCATION SKETCH Other (6) GRAVEL PACK: (5) EQUIPMENT: Rotary 😾 Reverse 🔲 200 Cable [7] Air Other Bucket PERFORATIONS: SAWED (7) CASING INSTALLED: Type of perfora won or size of screen Steel [ Plastic 🗷 Dia. From Wall ft. ft. ft. ft. (9) WELL SEAL: Was surface sanitary seal provided? Yes No | If yes, to depth 20 Were strata sealed against pollution? Yes No Method of sealing No Interval Work started 8-15 1979 Completed Method of sealing\_ WELL DRILLER'S STATEMENT: (10) WATER LEVELS: 50 Depth of first water, if known This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief Standing level after well completion.

IF ADDITIONAL SPACE IS NEEDED. USE NEXT CONSEQUTIVELY NUMBERED FORM DWR 188 (REV. 7-78)

#5-JK

DRILLER

Air lift 💢

whom?

No 🗶 If yes, attach copy to this report

At end of test

Water temperature

No [] If yes, by

hours

Bailer [

No.28 If yes, by whom?

Yes D

Pump 🛚

SIGNED.

NAME

Address

City

Auburn.

282051

GARY O. TANKO WELL DRILLING INC. 12150 LUTHER RD. AUBURN, CALIFORNIA 95603 (916) 823-8234

Date of this report OCT 2

Gary C. Tanko Well Drilling, Inc.

(Person, firm, or corporation) (Typed or printed)
2630 Grass Valley Hwy

## ORIGINAL File with DWR

e of Intent No.\_\_\_\_

#### STATE OF CALIFORNIA

Do not fill in

## THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 108401

State Well No.\_\_\_\_

Lal Permit No. or Date	Other Well No. 12N/7E-35
(1) OWNER: Name Jay Merlo 5956 Garfield	(12) WELL LOG: Total depth/25 ft. Depth of completed well/25 ft. from ft. to ft. Formation (Describe by color, character, size or material)
Sacramento, Ca.	0-2 TORSO!
	2-15 Decomposed over te
(2) LOCATION OF WELL (See instructions):  County Owner's Well Number	15-55 Bleek dala to area 'ha el sacra
CountyOwner's Well Number	13 )) Black Foshite grante & Some
	55-125 214d 1 1 1 2 1 3 9 pm
	33 ld BIKEWHAR Granite
Distance from cities, roads, railmads, fences, etc.	65 Hogon
(3) TYPE OF WORK:	
(5) TIPE OF WORK:	
New Well Deepening Reconstruction	<u> </u>
Reconstruction	
	- C
Penvyn Red Der Horizontal Well	111- 110
Destruction Describe destruction materials and procedures in Item 127	
	- 0
(4) PROPOSED USE	
Domestic	
Irrigation I	
Industrial	
Test Well 🗆	
Stock	
Auburn Municipal	
WELL LOCATION SKETCH Other	
(5) EQUIPMENT: (6) GRAVEL PACK:	\(\sigma_{\sigma}\)
Rotary Reverse No Size	
Cable Air Drageter of bore NOXO	6/11-
Other   Bucket   Packed from to	(/// × -
(7) CASING INSTALLED: (8) PERFORATIONS:	
Steel Plastic Concrete Type of periffication or size of screen	<del>\</del>
	-
From To Dia Gage of From To Sleet ft. Wall ft. size	
0 50 116 30 500 18	-
5 125 5/10 65 12 48	
3/1/6 8.3	-
(9) WELL SEAL:	-
Was surface sanitary seal provided? Year No [] If yes, to depth 2. It.	-
Were strata sealed against pollution? Yes No Intervalft.	
Mothod of sealing Comon T	Work started 11/8 1977 Completed 11/9 1977
(10) WATER LEVELS:	WELL DRILLER'S STATEMENT:
Depth of first water, if known 15 ft.	This well was drilled under my jurisdiction and this report is true to the best of my
Standing level after well completionft.	knowledge and belief
(11) WELL TESTS:	SIGNED (WALL DELLOW)
Was well test made? Yes A No I If yes, by whom? Orille # 5  Type of test Pump Bailer Air lift	NAME Gary C. Tanko Well Drilling, Inc.
Depth to water at start of testft. At end of testft	NAME 2630 (Remon firm or opporation) (Typed or printed)  2630 (Grass Valley Hwy
harge al/min after hours Water temperature	
nical analysis made? Yes [] No [H] If yes, by whom?	City Auburn, Ca. Zip.
Was electric log made? Yes No No State lifyes, attach copy to this report	License No. 282051 Date of this report DEC 1 1977

#### **ORIGINAL** File with DWR

STATE OF CALIFORNIA

### THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do not fill in  $N_0.30325$ 

Notice of Intent No. WATER WELL DI	RILLERS REPORT State Well No.
Local Permit No. or Date	Other Well No/ ZN/ 7E-35
OWNER: Name Steve Peterson	(12) WELL LOG: Total depth // ft. Depth of completed well // ft.
Address 8200 Suna Callege Blud	from ft. to ft. Formation (Describe by color, character, size or material)
City Rosewelle, 95676 Zip	- 0- 7 TOPSail
(2) LOCATION OF WELL (See instructions):	- 1- 35 D.G.
County Placer Owner's Well Number	- 35-110 Report / 1/hite Co
Well address if different from above Penryn Hills Estates Parcel	D -
Township 12N Range 7E Section 36	
Distance from cities, roads, railroads, fences, etc.	-
	- 10.
	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	-
(3) TYPE OF WORK:	
New Well Deepening	
Reconstruction	-\\
Reconditioning	
Horizontal Well	111-10
Destruction (Describe destruction materials and procedures in Item 12)	
Destruction (Describe destruction materials and procedures in Item 12)  (4) PROPOSED USE)  Domestic	V - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
(4) PROPOSED UNC	
Domestic	
1 Irrigation	2000
A Industrial Industrial	
Took Well	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Stock	
Municipal	
WELL LOCATION SKETCH Other	
(5) EQUIPMENT: (6) GRAVED PACK:	
Rotary 1 Reverse No Size	
Cable Air Surveyer of bore	
Other Bucket Bucket RakeLirom	
(7) CASING INSTALLED  (8) PERFORATIONS:  Steel   Plastic   Congeta   Type of performing or pize of screen	(b)
From To Dia. Caggor From To Sign sizes	_
0 40 80 04 70 450 70	-
0 100 375 23	h-
	-
(9) WELL SEAL:	-
Was surface sanitary seal provided? Yes No I If yes, to depth 25 ft.	
Were strata sealed against pollution? Yes [] No [] Intervalft.	_
Method of sealing	Work started 3-10 1972 Completed 3-10 1917
(10) WATER LEVELS:	WELL DRILLER'S STATEMENT:
Depth of first water, if known ft.  Standing level after well completion ft.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Standing level after well completionit.  (11) WELL TESTS:	SIGNED Harry C. Tanko
Was well test made? Yes No I If yes, by whom? Deiffen	(Well Driller)
Type of test Pump ☐ Bailer ☐ Air lift ☐	NAME Gary C. Tanko Well Drilling, Inc. (Person, firm, or corporation) (Typed or printed)
Depth to water at start of testft. At end of testft	Address 2630 Grass Valley Hwy
Discharge gal/min after hours Water temperature	City Authorn, Ca. Zip.
Chemical analysis made? Yes No If yes, by whom?  We electric log made? Yes No If yes, attach copy to this report	License No. 282051 Date of this report APR 5 1977
y	

#### **ORIGINAL**

#### STATE OF CALIFORNIA

Do not fill in

## THE RESOURCES AGENCY

No. 108401

ile with DWR	THE RESOURCES AGENCY
	DEPARTMENT OF WATER RESOURCES
of Intent No.	WATER WELL DRILLERS REPORT

ve of Intent No. WATER WELL I	ORILLERS REPORT State Well No.
A. A. C. C. D. C.	Other Well No. 12N 7E-35
(1) OWNER: Name Jay Merlo 5956 Garfield	(12) WELL LOG: Total depth/25 ft. Depth of completed well/25 ft.
Sacramento, Ca.	from ft. to ft. Formation (Describe by color, character, size or material)
City	0-2 Topso.1
(2) LOCATION OF WELL (See instructions):	d-15 Decomposed grante
Owner's Well Number Posts too	15 - SS Black & white granite & some
The desired in distriction above	06 Gred 45 159 pm
Township 12 N Range 75 Section 35	55-125 BIKEWhite granite
Distance from cities, roads, railmads, fences, etc.	65 Depun
(3) TYPE OF WORK:	
New Well D Deepening	X Y
New Well Deepening Reconstruction Reconditioning	
Reconditioning [	
Horizontal Well	
I PANYUS ON I CON I	110
Destruction (Describe destruction materials and procedures in Item 127	
(4) PROPOSED USE	
Domestic Domestic	-10
Perstates Irrigation	
Industrial	1 0 - N
Test Well	
Stock	- 1100
Auburn Municipal [	
WELL LOCATION SKETCH Other	- 50
(5) EQUIPMENT: (6) GRAVEL PACK:	
Rotary Reverse No Size	
Cable Air Projecter of hore	
Other Bucket Packed from to	3 //) · -
(7) CASING INSTALLED: (8) PERFORATIONS:	
Steel Plastic Concrete Type of periffcation or size of screen	
From To Dia Gage of From To Slot	
ft. ft. Vin. Wall ft ft size	-
0 50 10 30 500 18	
5 125 5/16 65 AND YB	
(9) WELL SEAL:	
Was surface sanitary seal provided? Yee ! No   If yes, to depth  (t.	_
Were strata sealed against pollution? Yes No Interval ft.	**
Method of sealing Cermon 7	Work started 11/8 1977 Completed 11/9 1977
(10) WATER LEVELS:	WELL DRILLER'S STATEMENT:
Depth of first water, if known 20 ft.	This well was drilled under my jurisdiction and this report is true to the hest of my knowledge and belight
Standing level after well completion (11) WELL TESTS:	SIGNED Land, Tanko
Was well test made? Yes No   If yes, by whom? Or Ilex #5	(Well Driller)
Type of test Pump Bailer Air lift	NAME Gary C. Yanko Well Drilling, Inc.
Depth to water at start of testft. At end of testft	Address 2630 (Grass Valley Hwy (Typed or printed)
harge al/min after hours Water temperature	Auburn, Ca.
oical analysis made? Yes O No B If yes, by whom?	License No. 282051 Date of this report DEC 1 1977

3249 Fitzgerald Road Rancho Cordova, CA 95742

March 19, 2008

CLS Work Order #: CRC0355

COC #: 72444

Bill Flores Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765

**Project Name: Penryn Property** 

Enclosed are the results of analyses for samples received by the laboratory on 03/11/08 13:08. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D. Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

# CALIFORNIA LABORATORY SERVICES

Page 1 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

•	CHANGE OF STATUS  CET CAST CONTROL CET CONTROL CET CONTROL CET CONTROL CET CONTROL CET		CECNISSS		
C.L.S. Lab Job No.: <i>ORB</i>	80863				
Project Name:	New Work and I have a provided the last section of the last sectio	, 125 - 127 - 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
			Date Due:		
(Client Confacted)	······································	ı CC	Company)		called
on 3/1/08	a	r	/03/0 (Time)		
	and r	equested	the follow	វិពជ្	
Mellin ordina 102 103	<u> </u>	***************************************			
				2.0	
For DELIET As	r DDE	8031B			
7712 A3 4	DOT/OD	E FOR	<u> 1                                   </u>	a (Marie menorum 1993) billi karan sebi kelepata a kebana jaga kebanta kemban ke	Fig. 1811, F18800 - 1-01144411 8 198 1011
arnaround time requested for addition	aal work:	ند	1		<b>18</b> Tagelon at 1,500, 100 fürs bilas Vor bis söre ans geresjäges i de
Ray Walant				3/11/08	arether meditorimans
\$5,1,2,000,00				, ,	
	from the second to the second				

 $H \otimes A \text{ Ly some wanter evaluation graphics}. D \otimes K^*$ 

Page 2 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

### DI STLC (DI WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-2 (CRC0355-02) Soil	Sampled: 02/27/08 09:51	Received: 03/1	1/08 13:0	08					
Arsenic	20	5.0	μg/L	1	CR02148	03/14/08	03/14/08	EPA 200.8	
DL-3 (CRC0355-03) Soil	Sampled: 02/27/08 10:03	Received: 03/1	1/08 13:0	98					
Arsenic	34	5.0	μg/L	1	CR02148	03/14/08	03/14/08	EPA 200.8	

Page 3 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

### DI STLC (DI-WET) Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-3 (CRC0355-03) Soil	Sampled: 02/27/08 10:03	Received: 03/1	11/08 13:0	8					НТ-3
4,4′-DDD	ND	1.0	μg/L	l	CR02201	03/17/08	03/18/08	EPA 8081A	
4,4'-DDE	ND	1.0	Ħ	11	**	n	n	н	
4,4'-DDT	ND	1.0	II.	n	n	***			
Surrogate: Tetrachloro-me	ta-xylene	52.5 %	46-1	39	n	"	"	"	
Surrogate: Decachlorobipl		62.9 %	52-1	41	"	"	"	"	

Page 4 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

### Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-3 (CRC0355-03) Soil	Sampled: 02/27/08 10:03	Received: 03/1	11/08 13:	08					
Arsenic	51	4.0	mg/kg	16	CR02070	03/12/08	03/12/08	EPA 7060A	

Page 5 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

### Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-3 (CRC0355-03) Soil	Sampled: 02/27/08 10:03	Received: 03/	11/08 13:	08					
Aldrin	ND	5.0	μg/kg	5	CR02031	03/11/08	03/12/08	EPA 8081A	
alpha-BHC	ND	10	n	11	n	n	n	II.	
beta-BHC	ND	50	H	11	н	"	0	н	
delta-BHC	ND	50	H	\$#	н	11	u	If	
gamma-BHC (Lindane)	ND	50	H	ir	н	II.	II .	н	
Chlordane-technical	ND	100	11	H	n	п	H,	н	
4,4'-DDD	ND	75	D	11	11	н	II	D-	
4,4'-DDE	160	75	11	D	13	u	11	н	
4,4'-DDT	110	75	11	n	n	O	н	n	
Dieldrin	ND	5.0	II.	11	11	**	11	D.	
Endosulfan I	ND	75	11	a	n	"	II.	0	
Endosulfan II	ND	75	11	u	11	11		н	
Endosulfan sulfate	ND	75	h	*1	n	u	tt.	и	
Endrin	ND	75	н	11	H	н	11	D	
Endrin aldehyde	ND	75	II.	D	u	u	11	n	
Heptachlor	ND	25	u	U	11	1)	p	11	
Heptachlor epoxide	ND	10	11	н	u	II	H	**	
Methoxychlor	ND	75	71	si .	u	n	U	н	
Mirex	ND	50	ıı	11	<b>11</b>	"	(1	0	
Toxaphene	ND	100	If	11	#	H	Ħ	H	
Surrogate: Tetrachloro-me	ta-xylene	98.3 %	46	-139	n	"	11	n	
Surrogate: Decachlorobiph		94.5 %	52-	-141	n	11	"	"	

Page 6 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

CLS Work Order #: CRC0355

Project Manager: Bill Flores

COC #: 72444

### DI STLC (DI WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR02148 - Title 22-STLC										
Blank (CR02148-BLK1)				Prepared	& Analyze	ed: 03/14/	08			
Arsenic	ND	5.0	μg/L							
LCS (CR02148-BS1)				Prepared	& Analyze	ed: 03/14/	08			
Arsenic	104	5.0	μg/L	100		104	80-120			
LCS Dup (CR02148-BSD1)				Prepared	& Analyze	ed: 03/14/	08			
Arsenic	106	5.0	μg/L	100		106	80-120	1.16	20	
Matrix Spike (CR02148-MS1)	So	urce: CRC03	52-01	Prepared	& Analyze	ed: 03/14/	08			
Arsenic	2320	500	μg/L	1000	838	149	75-125			QM-7
Matrix Spike Dup (CR02148-MSD1)	So	urce: CRC03	52-01	Prepared	& Analyze	ed: 03/14/	08			
Arsenic	2270	500	μg/L	1000	838	144	75-125	2.17	25	QM-

Page 7 of 12

03/19/08 17:40

aga

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

0/DEC

### DI STLC (DI-WET) Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR02201 - EPA 3510B GCNV										
Blank (CR02201-BLK1)				Prepared:	03/17/08	Analyzed	: 03/18/08			••
4,4'-DDD	ND	1.0	μg/L							
4,4'-DDE	ND	1.0	н							
4,4'-DDT	ND	1.0	er							
Surrogate: Tetrachloro-meta-xylene	1.28		11	2.50		51.2	46-139			
Surrogate: Decachlorobiphenyl	1.67		u	2.50		67.0	52-141			
LCS (CR02201-BS1)				Prepared:	03/17/08	Analyzed	1: 03/18/08			
Aldrin	3.48	0.50	μg/L	5.00		69.6	47-132			
gamma-BHC (Lindane)	3.28	0.50	11	5.00		65.6	56-133			
4,4'-DDT	3.50	1.0	и	5.00		70.0	46-137			
Dieldrin	3.70	1.0	ít	5.00		74.0	44-143			
Endrin	4.02	1.0	tı	5.00		80.4	30-147			
Heptachlor	3.18	0.50	D	5.00		63.7	33-148			
Surrogate: Tetrachloro-meta-xylene	1.45		"	2.50		57.9	46-139			
Surrogate: Decachlorobiphenyl	1.64		n	2.50		65.7	52-141			
LCS Dup (CR02201-BSD1)				Prepared	: 03/17/08	Analyzed	1: 03/18/08			
Aldrin	4.07	0.50	μg/L	5.00		81.3	47-132	15.5	30	
gamma-BHC (Lindane)	3.97	0.50	**	5.00		79.5	56-133	19.1	30	
- 4,4′-DDT	3.86	1.0	ts	5.00		77.1	46-137	9.71	30	
Dieldrin	4.13	1.0	H	5.00		82.7	44-143	11.1	30	
Endrin	4.49	1.0	и	5.00		89.7	30-147	11.0	30	
Heptachlor	3.95	0.50	u	5.00		79.0	33-148	21.5	30	
Surrogate: Tetrachloro-meta-xylene	1.80		"	2.50		71.9	46-139			
Surrogate: Decachlorobiphenyl	1.76		"	2.50		70.2	52-141			
Matrix Spike (CR02201-MS1)	So	urce: CRC0	355-03	Prepared	: 03/17/08	Analyzed	d: 03/18/08			
Aldrin	3.81	0.50	μg/L	5.00	0.00	76.2	47-138			
gamma-BHC (Lindane)	3.66	0.50	u	5.00	0.00	73.2	38-144			
4,4′-DDT	3.94	1.0	u	5.00	0.00	78.7	41-157			
Dieldrin	3.98	1.0	R	5.00	0.00	79.6	46-155			
Endrin	4.40	1.0	II	5.00	0.00	88.0	34-149			

Page 8 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Project: Penryn Property

Project Number: 5887.06

CLS Work Order #: CRC0355

Rocklin, CA 95765

Project Manager: Bill Flores

COC #: 72444

avn no

### DI STLC (DI-WET) Organochlorine Pesticides by EPA Method 8081A - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CR02201 - EPA 3510B GCNV										
Matrix Spike (CR02201-MS1)	Sour	rce: CRC03	55-03	Prepared:	03/17/08	Analyzed	1: 03/18/08			
Heptachlor	3.53	0.50	μg/L	5.00	0.00	70.6	36-155			
Surrogate: Tetrachloro-meta-xylene	1.66		"	2.50		66.5	46-139			
Surrogate: Decachlorobiphenyl	1.62		"	2.50		64.8	52-141			
Matrix Spike Dup (CR02201-MSD1)	Sour	rce: CRC03	55-03	Prepared:	03/17/08	Analyzed	i: 03/18/08			
Aldrin	3.55	0.50	μg/L	5.00	0.00	71.1	47-138	7.04	35	
gamma-BHC (Lindane)	3.38	0.50	"	5.00	0.00	67.6	38-144	7.99	35	
4,4'-DDT	3.75	1.0	u	5.00	0.00	75.0	41-157	4.89	35	
Dieldrin	3.91	1.0	11	5.00	0.00	78.3	46-155	1.68	35	
Endrin	4.33	1.0	15	5.00	0.00	86.7	34-149	1.56	35	
Heptachlor	3.45	0.50	ŧı	5.00	0.00	69.1	36-155	2.13	35	
Surrogate: Tetrachloro-meta-xylene	1.29		"	2.50		51.6	46-139			
Surrogate: Decachlorobiphenyl	1.56		n	2.50		62.3	52-141			

Page 9 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project Number: 5887.06

Project: Penryn Property

CLS Work Order #: CRC0355

Project Manager: Bill Flores

COC #: 72444

#### Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Miayic	Result	Lann	Onts	FCACI	KÇSUR	701000	Citilio	IGD	Lilli	110105
Batch CR02070 - EPA 3050B										
Blank (CR02070-BLK1)				Prepared	& Analyze	ed: 03/12/	08			
Arsenic	ND	0.25	mg/kg							
LCS (CR02070-BS1)				Prepared	& Analyz	ed: 03/12/	08			
Arsenic	4.66	1.0	mg/kg	5.00		93.3	75-125			
LCS Dup (CR02070-BSD1)				Prepared	& Analyz	ed: 03/12/	08			
Arsenic	4.76	1.0	mg/kg	5.00		95.1	75-125	1.95	25	
Matrix Spike (CR02070-MS1)	So	urce: CRC03	373-10	Prepared	& Analyz	ed: 03/12/	08			
Arsenic	7.90	1.0	mg/kg	5.00	3.30	91.9	75-125			
Matrix Spike Dup (CR02070-MSD1)	So	urce: CRC03	373-10	Prepared	& Analyz	ed: 03/12/	08			
Arsenic	8.00	1.0	mg/kg	5.00	3.30	94.0	75-125	1.31	30	
							•			

Page 10 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

### Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR02031 - LUFT-DHS GCNV	***									
Blank (CR02031-BLK1)				Prepared:	03/11/08	Analyzed	: 03/12/08			
Aldrin	ND	1.0	μg/kg			······	- done-			
alpha-BHC	ND	2.0	41							
beta-BHC	ND	10	#1							
delta-BHC	ND	10	II.							
gamma-BHC (Lindane)	ND	10	11							
Chlordane-technical	ND	20	н							
4,4´-DDD	ND	15	11							
4,4'-DDE	ND	15	11							
4,4′-DDT	ND	15	11							
Dieldrin	ND	1.0								
Endosulfan I	ND	15	u							
Endosulfan II	ND	15	н							
Endosulfan sulfate	ND	15	19							
Endrin	ND	15	n							
Endrin aldehyde	ND	15	п							
Heptachlor	ND	5.0	tt							
Heptachlor epoxide	ND	2.0	n							
Methoxychlor	ND	15								
Mirex	ND	10	u							
Toxaphene	ND	20	u							
Surrogate: Tetrachloro-meta-xylene	7.74		"	8.33		92.9	46-139			
Surrogate: Decachlorobiphenyl	7.93		"	8.33		95.2	52-141			
LCS (CR02031-BS1)				Prepared:	03/11/08	Analyzed	: 03/12/08			
Aldrin	16.7	1.0	μg/kg	16.7		100	47-132			
gamma-BHC (Lindane)	16.0	10	tr.	16.7		96.2	56-133			
4,4´-DDT	15.8	15	**	16.7		94.5	46-137			
Dieldrin	16.7	1.0	u u	16.7		100	44-143			
Endrin	17.5	15	н	16.7		105	30-147			
Heptachlor	16.3	5.0	"	16.7		97.6	33-148			
Surrogate: Tetrachloro-meta-xylene	7.24		rt .	8.33		86.9	46-139			

Page 11 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

### Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR02031 - LUFT-DHS GCNV										
LCS (CR02031-BS1)				Prepared:	03/11/08	Analyzed	: 03/12/08			
Surrogate: Decachlorobiphenyl	8.42		μg/kg	8.33		101	52-141		-	
LCS Dup (CR02031-BSD1)				Prepared:	03/11/08	Analyzed	l: 03/12/08	;		
Aldrin	14.4	1.0	μg/kg	16.7		86.6	47-132	14.6	30	
gamma-BHC (Lindane)	13.6	10	ŧı	16.7		81.8	56-133	16.1	30	
4,4'-DDT	14.4	15	11	16.7		86.6	46-137	8.75	30	
Dieldrin	15.3	1.0	**	16.7		91.8	44-143	8.83	30	
Endrin	16.0	15	n	16.7		95.8	30-147	9.23	30	
Heptachlor	16.3	5.0	tt	16.7		97.6	33-148	0.0451	30	
Surrogate: Tetrachloro-meta-xylene	5.82		"	8.33		69.8	46-139			
Surrogate: Decachlorobiphenyl	7.92		"	8.33		95.0	52-141			
Matrix Spike (CR02031-MS1)	So	urce: CRC02	Prepared:	03/11/08	Analyzed	1: 03/12/08	;			
Aldrin	16.3	5.0	μg/kg	16.7	ND	98.0	47-138			
gamma-BHC (Lindane)	17.8	50	n	16.7	ND	107	38-144			
4,4'-DDT	155	75	**	16.7	113	253	41-157			QM-
Dieldrin	19.5	5.0	в	16.7	ND	117	46-155			
Endrin	14.9	75	н	16.7	ND	89.6	34-149			
Heptachlor	16.5	25	"	16.7	ND	98.9	36-155			_
Surrogate: Tetrachloro-meta-xylene	20.4		11	20.8		97.7	46-139			
Surrogate: Decachlorobiphenyl	22.3		"	20.8		107	52-141			
Matrix Spike Dup (CR02031-MSD1)	So	urce: CRC02	205-01	Prepared:	03/11/08	Analyzed	1: 03/12/08	3		
Aldrin	15.9	5.0	μg/kg	16.7	ND	95.5	47-138	2.63	35	
gamma-BHC (Lindane)	17.4	50	11	16.7	ND	104	38-144	2.29	35	
4,4'-DDT	154	75	u	16.7	113	248	41-157	0.556	35	QM-
Dieldrin	19.0	5.0	Į1	16.7	ND	114	46-155	2.82	35	
Endrin	14.2	75	u	16.7	ND	85.2	34-149	4.99	35	
Heptachlor	16.1	25	ţŧ	16.7	ND	96.7	36-155	2.29	35	
Surrogate: Tetrachloro-meta-xylene	20.2		"	20.8		97.0	46-139			
Surrogate: Decachlorobiphenyl	22.2		"	20.8		107	52-141			

Page 12 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

Project: Penryn Property

Project Number: 5887.06

Project Manager: Bill Flores

CLS Work Order #: CRC0355

COC #: 72444

#### **Notes and Definitions**

QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

HT-3 Sample was from a previous job and was extracted/analyzed outside the EPA recommended holding time per client's request.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference